GIS REGISTRY INFORMATION

SITE NAME:	Tlusty Oil Co Bulk Plant		
BRRTS #:	02-61-000169	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	54451-1454-19		
CLOSURE DATE:	January 27, 2004		
STREET ADDRESS:	319 N Main St		
CITY:	Medford		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	492645	**Y =**	518754

CONTAMINATED MEDIA:	Groundwater		Soil		Both	X
OFF-SOURCE GW CONTAMINATION >ES:		**Yes**			**No**	X
• **IF YES, STREET ADDRESS:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**			**Y =**		
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):		**Yes**		**No**	X	
• **IF YES, STREET ADDRESS 1:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**			**Y =**		
CONTAMINATION IN RIGHT OF WAY:		**Yes**		**No**	X	

DOCUMENTS NEEDED

Closure Letter, and any conditional closure letter issued	X
Copy of most recent deed, including legal description, for all affected properties	NA
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	NA
County Parcel ID number, *if used for county*, for all affected properties	X
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	
GW: Table of water level elevations, with sampling dates, and free product noted if present	
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate.	NA
Copies of off-source notification letters (if applicable)	
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	
Copy of (soil or land use) deed restriction (s) or deed notice if any required as a condition of closure	X

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481-
TDD #: (608) 264-8777
Fax #: (715) 345-5269
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

January 27, 2004

City of Medford
Attn:Robert Christensen
639 South Second Street
Medford WI 54451

RE: **Final Closure**

Commerce # 54451-1454-19 WDNR BRRTS # 02-61-000169
Tlusty Oil Co Bulk Plant, 319 N Main St, Medford

Dear Mr. Christensen:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

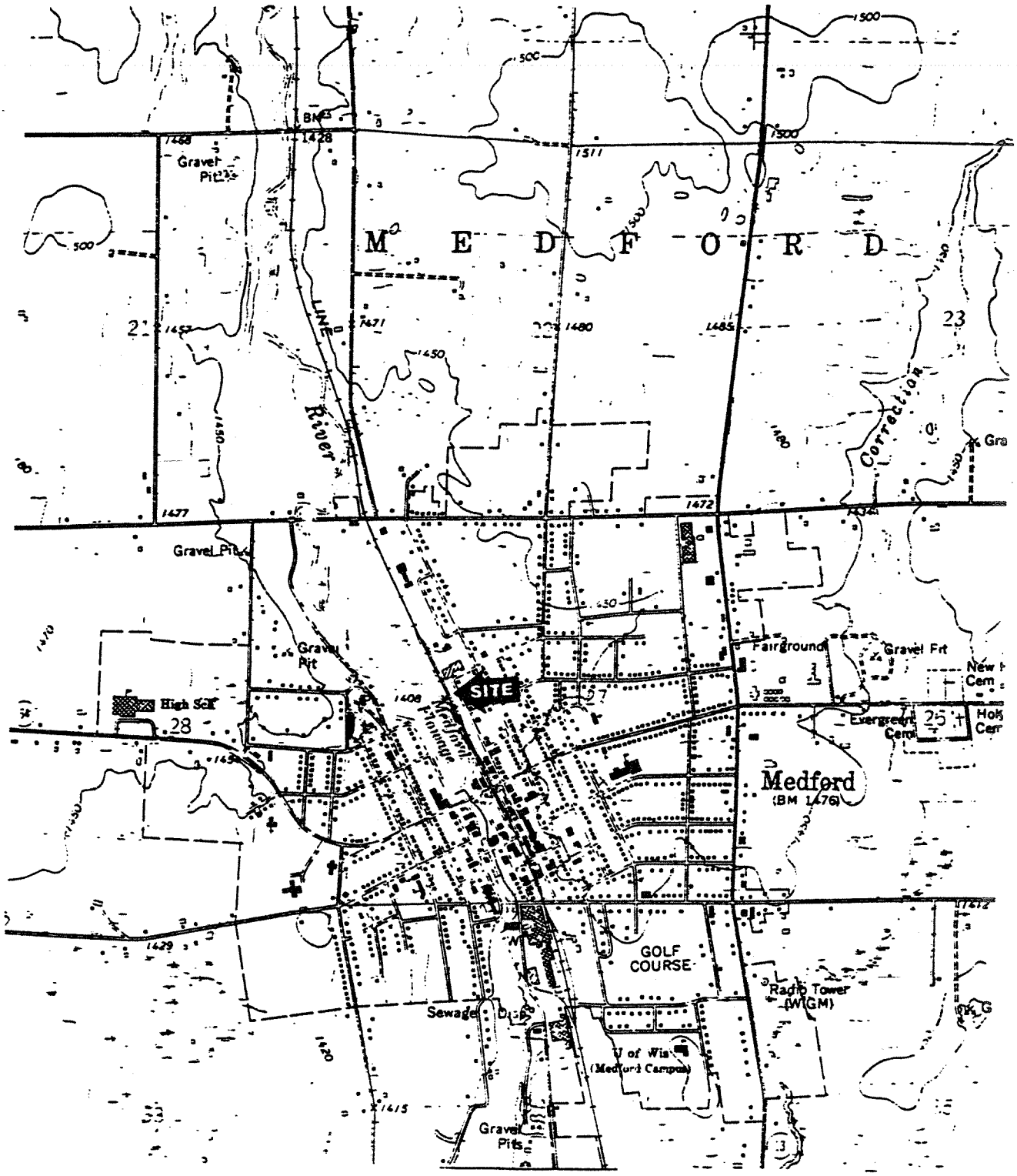
If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 342-3802.

Sincerely,

Dee Zoellner
Hydrogeologist
Site Review Section

cc: Dan Pelczar, Key Engineering Group Ltd
Case File



N

SOURCE: *USGS Medford, Wisconsin Quadrangle Map*
Topographic Map 1969

© 1998 Key Engineering Group Ltd.

0 1000 2000

SCALE: 1"=2000'

DRN. BY:	S.L.G.	DATE:	06/25/98
DSN. BY:	L.J.W.	FILE NO.:	0511015
CHK. BY:	L.J.W.	DWG. NO.:	05110151
REV. BY:	G.L.J.	SHEET NO.:	1

KEY ENGINEERING GROUP LTD.

FIGURE 1
SITE LOCATION MAP

SITE INVESTIGATION REPORT
TLUSTY OIL COMPANY
319 NORTH MAIN STREET
MEDFORD, WISCONSIN

Scale 1 : 2,429

Please read the documentation for more information.

▲WTM coordinates: 492645, 518754

MEDFORD FLOWAGE

HILL

2 SETS OF RAILROAD TRACKS

B-2
MW-1

B-3

RAILROAD SPUR

APPARENT FILL PIPE

OVERHEAD WIRE

SOIL BERM

THICK VEGETATION

FILL PIPE

B-16

UTILITY POLES

UNLEADED GASOLINE ASTs

WOOD PLATFORM

RAMP

APPROXIMATE LOCATION FORMER ASTs

B-7

B-15

B-8

B-1

APPROXIMATE EXTENT OF EXCAVATION CAVITY

APPROXIMATE PROPERTY BOUNDARY

FORMER FILL PIPE

FORMER 550-GALLON UST LOCATION

B-10
MW-3

B-6

VACANT

DRAINAGE DITCH

FUEL OIL AST

DIESEL AST

UNKNOWN AST

FURNACE OIL AST

AMOLITE AST

ZULEGER OIL CO.

B-12

CS

B-9

TLUSTY OIL CO.

MEDFORD CO-OP CO.

FORMER UST

CS

S-1

B-1

GRAVEL

FILL AREA CONCRETE SLAB

GRAVEL DRIVEWAY

CONCRETE

MW300

B-4

B-5
MW-2

UTILITY POLE

CULVERT

CONCRETE AST SECONDARY CONTAINMENT

ESTIMATED EXTENT OF TLUSTY OIL CO. LEASE SITE

B-14

UTILITY POLE

B-13

CONCRETE PAD

OVERHEAD WIRE

NORTH MAIN STREET

TAYLOR STREET

304

310

VACANT PROPERTY

RESIDENTIAL AREA

324

328

GARAGE

N

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LEGEND

- MONITORING WELL LOCATION
- SOIL PROBE LOCATION
- MONITORING WELL INSTALLED BY NORTHERN ENVIRONMENTAL FOR ZULEGER OIL CO.
- CONFIRMATION SOIL SAMPLE LOCATION

0 15 30

APPROXIMATE SCALE: 1"=30'

DRN. BY:	S.L.G.	DATE:	08/20/98
DSN. BY:	L.J.W.	FILE NO.:	0511015
CHK. BY:	L.J.W.	DWG. NO.:	05110152
REV. BY:	G.L.J.	SHEET NO.:	2

KEY ENGINEERING GROUP Ltd.

FIGURE 2
SITE LAYOUT

SITE INVESTIGATION REPORT
TLUSTY OIL COMPANY
WISCONSIN CENTRAL LTD.
319 NORTH MAIN STREET
MEDFORD, WISCONSIN

TABLE 3

SUMMARY OF CONFIRMATION SOIL SAMPLE FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS

REMEDIAL ACTION AND GROUNDWATER MONITORING REPORT

TLUSTY OIL COMPANY
319 North Main Street
Medford, Wisconsin

SAMPLE I.D.	DATE COLLECTED	SAMPLE LOCATION	DEPTH (feet)	PID (i.u.)	DRO (1) (mg/kg)	GRO (mg/kg)	BENZENE (µg/kg)	ETHYLBENZENE (µg/kg)	TOLUENE (µg/kg)	XYLENES (µg/kg)	MTBE (µg/kg)	TMBs (µg/kg)
SS-1	8/25/99	Sidewall - 1	2.5	60	2,800	240	5,500	24,000	9,800	100,000	<25	113,000
SS-2	8/25/99	Sidewall - 2	3.0	203	1,500	12	**38**	160	42	520	<25	570
SS-3	8/25/99	Sidewall - 3	2.5	13	<5.8	11	<25	<25	<25	61	<25	152
SS-4	8/25/99	Sidewall - 4	2.5	19	<5.6	11	<25	<25	<25	100	<25	260
B-1	8/25/99	Base - 1	3.5	5	<5.6	<5.6	<25	<25	<25	34	<25	34
SS-5	8/25/99	Sidewall - 5	2.5	69	30	120	<25	430	<25	820	<25	1,860
B-2	8/25/99	Base - 2	6.0	407	1,700	**760**	**38**	780	87	2,800	<25	**7,100**
B-3	8/25/99	Base - 3	3.5	420	3,500	**1,500**	**630**	3,400	2,000	**9,400**	460	**26,300**
B-4	8/25/99	Base - 4	7.0	429	160	250	**140**	670	<25	1,400	130	1,860
SS-6	8/25/99	Sidewall - 6	3.0	192	<5.6	12	<25	34	<25	100	<25	83
SS-7	8/25/99	Sidewall - 7	4.0	491	1,900	**2,100**	**440**	12,000	<25	**14,000**	<25	**47,000**
SS-8	8/25/99	Sidewall - 8	4.0	380	150	150	<25	490	<25	1,000	29	2,220
SS-9	8/25/99	Sidewall - 9	4.0	306	6,900	**2,300**	**570**	**22,000**	<25	**73,000**	824	**80,000**
SS-1A	10/18/99	Sidewall -1A	2.5	6	<7.3	<6.5	<25	<25	<25	<25	<25	<50
SS-2A	10/18/99	Sidewall - 2A	2.5	2	<6.9	<6.3	<25	<25	<25	<25	<25	<50
SS-3A	10/18/99	Sidewall - 3A	2.5	193	7,000	300	<25	660	<25	2,100	<25	**4,660**
SS-4A	10/18/99	Sidewall - 4A	1.5	87	8.3	54	<25	110	<25	81	<25	225
SS-5A	10/18/99	Sidewall - 5A	3.0	4	8.0	9.6	<25	<25	<25	40	<25	25
SS-6A	10/18/99	Sidewall - 6A	3.0	8	12	19	<25	<25	<25	55	<25	153
SS-7A	10/18/99	Sidewall - 7A	1.5	NR	<5.9	7.0	<25	<25	66	45	<25	63
BS-1A	10/18/99	Base - 1A	3.5	<1	<6.5	<5.6	<25	<25	58	<25	<25	<50
BS-2A	10/18/99	Base - 2A	3.5	34	41	11	<25	<25	58	<25	<25	138
SITE SPECIFIC RCL	---	---	---	---	474	430	8.9	13,753	3,304	6,642	NE	2,632

Please see laboratory report for complete listing of PVOC results.

Notes:
* - calculated site specific RCLs Site Investigation Report, September 17,1998.
< - less than
(1) - per Wisconsin Department of Natural Resources guidance, because compound specific RCLs were used for PAHs. DRO concentrations were not considered in evaluating soil contamination.
(2) - soils at SS-1 were excavated on October 18, 1999
Concentrations in bold exceed site specific residual contaminant levels
DRO - diesel range organics
GRO - gasoline range organics
i.u. - instrument units
mg/kg - milligrams per kilogram
MTBE - methyl tert-butyl ether
NE - no site specific RCL established
NR - not recorded
PAHs - polynuclear aromatic hydrocarbons
PID - photoionization detector
TMBs - trimethylbenzenes
µg/kg - micrograms per kilogram

TABLE 4

SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS - VOCS, GRO, DRO AND LEAD

REMEDIAL ACTION AND GROUNDWATER MONITORING REPORT

TLUSTY OIL COMPANY
319 North Main Street
Medford, Wisconsin

PARAMETER	MW-1				MW-2				MW-3					MW-4			NR 140	
Date Collected	4/28/98	4/15/99	8/25/99	10/18/99	4/28/98	4/15/99	8/25/99	10/18/99	4/28/98	4/15/99	4/15/99 (DUP)	8/25/99	10/18/99	8/25/99	8/25/99 (DUP)	10/18/99	ES	PAL
GRO (µg/l)	<14	---	---	---	<14	---	---	---	1,870	---	---	---	---	<50	---	---	(1)	(1)
DRO (µg/l)	644	---	---	---	131	---	---	---	2,690	---	---	---	---	<100	---	---	(1)	(1)
Dissolved Lead (µg/l)	1.1	---	---	---	2	---	---	---	<1.06	---	---	---	---	---	---	---	15	1.5
VOCs (µg/l)																		
Benzene	<0.2	<0.20	<0.50	<0.50	<0.2	<0.20	<0.50	<0.50	2.3	7.2	7.3	3.0	3.4	<0.50	<0.50	<0.50	5	0.05
Toluene	<0.3	<0.20	<0.50	<0.50	<0.3	<0.20	<0.50	<0.50	0.5J	0.7	0.7	0.81	0.84	<0.50	<0.50	5.1	343	68.6
Ethylbenzene	0.3J	<0.30	<0.50	<0.50	<0.2	<0.30	<0.50	<0.50	2.5	5.0	5.2	2.3	2.2	<0.50	<0.50	<0.50	700	140
Xylenes	1.0J	<0.90	<0.50	<0.50	<0.6	<0.90	<0.50	<0.50	1.5J	0.9	1.0	1.7	1.7	<0.50	0.87	<0.50	620	124
Trimethylbenzenes	0.7J	<0.60	<2.0	<2.0	<0.5	<0.60	<2.0	<2.0	8.5	7.7	8.3	5.3	5.3	<2.0	<2.0	<2.0	480	96
sec-Butylbenzene	<0.3	---	---	---	<0.3	---	---	---	3.2	---	---	---	---	<0.50	---	---	(1)	(1)
Isopropylbenzene	<0.2	---	---	---	<0.2	---	---	---	1.9	---	---	---	---	<0.50	---	---	(1)	(1)
p-Isopropyltoluene	<0.2	---	---	---	<0.2	---	---	---	1.4	---	---	---	---	<0.50	---	---	(1)	(1)
n-Propylbenzene	<0.3	---	---	---	<0.3	---	---	---	3.8	---	---	---	---	<0.50	---	---	(1)	(1)
Naphthalene	<0.5	---	<0.50	<2.0	<0.5	---	<0.50	<2.0	2.3	---	---	8.6	11	<2.0	---	<2.0	40	8
Naphthalene (PAH)	11	---	---	---	<3.1	---	---	---	82	---	---	---	---	<1.0	---	---	40	8

No Follow up Spl
>PAL

Notes:
(1) - NR 140 standards not established
--- - not analyzed
bold value exceeds NR 140 PAL
DRO - diesel range organics
ES - NR 140 enforcement standard
GRO - gasoline range organics
J - results are between the level of detection and the level of quantitation
PAH - polynuclear aromatic hydrocarbons
PAL - NR 140 preventive action limit
Shaded values exceed NR 140 ES
µg/l - micrograms per liter
VOCs - volatile organic compounds

TABLE 5

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - PAHS

REMEDIAL ACTION AND GROUNDWATER MONITORING REPORT

TLUSTY OIL COMPANY
319 North Main Street
Medford, Wisconsin

PARAMETER	MW-1	MW-2	MW-3	MW-4	NR 140	
					ES	PAL
Date Collected	4/28/98	4/28/98	4/28/98	8/25/99	NA	NA
PAHs (µg/l)						
1-Methyl Naphthalene	<3.6	<3.6	124	<3.0	(1)	(1)
2-Methyl Naphthalene	<3.2	<3.2	52	<3.0	(1)	(1)
Acenaphthene	<3.0	<3.0	97	<5.0	(1)	(1)
Acenaphthylene	<4.6	<4.6	61	<4.0	(1)	(1)
Anthracene	<0.3	<0.3	1.6	<0.20	3,000	600
Fluoranthrene	<1.2	<1.2	4.7	<1.0	400	80
Fluorene	<0.8	<0.8	16	<1.0	400	80
Indeno (1,2,3-cd) pyrene	0.4	<0.2	<0.2	<0.40	(1)	(1)
Naphthalene	**11**	<3.1	**82**	<3.0	40	8
Phenanthrene	<0.3	<0.3	5.4	<0.30	(1)	(1)
Pyrene	<0.6	<0.6	2.6	<1.0	250	50

Notes:
(1) - NR 140 standards are not established
bold and shaded values exceed the NR 140 ES
bold values exceed the NR 140 PAL
ES - NR 140 enforcement standard
NA - not applicable
PAHs - polynuclear aromatic hydrocarbons
PAL - NR 140 preventive action limit
ug/l - micrograms per liter

TABLE 6

SUMMARY OF NATURAL ATTENUATION INDICATOR PARAMETER DATA

REMEDIAL ACTION AND GROUNDWATER MONITORING REPORT

TLUSTY OIL COMPANY
319 North Main Street
Medford, Wisconsin

PARAMETERS	SAMPLE IDENTIFICATION							
	MW-1		MW-2		MW-3		MW-4	
Date Sampled	8/25/99	10/18/99	8/25/99	10/18/99	8/25/99	10/18/99	8/25/99	10/18/99
Temperature (^{o}C)	13.6	12.3	14.5	13.5	15.3	13.0	13.1	11.5
Dissolved Oxygen (% sat)	11.3	11.5	7.8	12.6	3.5	3.6	7.60	5.4
Dissolved Oxygen (mg/l)	1.14	1.20	0.76	1.27	0.35	0.36	0.77	0.57
Specific Conductance (µS/cm)	378.3	366.5	509.1	469.4	667.8	640.6	344.1	322.0
Resistivity (kohms/cm)	2.645	2.728	1.963	2.130	1.497	1.561	2.905	3.104
pH (s.u.)	6.1	6.3	6.0	6.2	6.2	6.4	6.4	6.5
ORP (mV)	289	339	262	208	132	147	198	235
Nitrate (mg/l)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Sulfate (mg/l)	34	43	33	36	29	22	28	23
Methane (mg/l)	<24	11	<24	<7.1	460	450	<24	26

Notes:

^{o}C - Degrees Celcius
kohms/cm - kilo ohms per centimeter
mg/l - milligrams per liter
mV - millivolts
ORP - oxidation/reduction potential
s.u. - standard units
µg/l - micrograms per liter
µS/cm - microsiemens per centimeter

TABLE 1

SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS - VOCS AND LEAD

SITE INVESTIGATION REPORT

TLUSTY OIL COMPANY
319 North Main Street
Medford, Wisconsin

PARAMETER	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	RCLs		
											PROTECTION OF GROUNDWATER	DIRECT CONTACT	
												(INDUSTRIAL)	(NON-INDUSTRIAL)
Date Collected	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98	4/28/98	NA	NA	NA
PID (i.u.)	411	<1	<1	133	<1	<1	<1	3	85	223	NA	NA	NA
Depth (feet)	3.5-5	3.5-5	1-2.5	3.5-5	3.5-5	1-2.5	3.5-5	1-2.5	1-2.5	1-2.5	NA	NA	NA
GRO (mg/kg)	**370**	<0.6	<0.6	**367**	<0.6	<0.6	<0.6	<0.6	**202**	**43**	100 (1)	---	---
DRO (mg/kg)	**201**	1.5	6.6	**674**	33	<1.2	<1.1	<1.2	**634**	**178**	100 (1)	---	---
Total Lead (mg/kg)	24	6.2	<3.0	6.1	**79**	6.1	5.7	7.3	9.3	12	---	500	50
VOCs (ug/kg)													
Benzene	**3,260**	<25	<25	**676**	<25	<25	<25	<25	<25	<25	5.5 (2)	---	---
Toluene	574	<25	<25	184	<25	<25	<25	<25	<25	<25	1,500 (2)	---	---
Ethylbenzene	2,750	<25	<25	594	<25	<25	<25	<25	631	<25	2,900 (2)	---	---
Xylenes	11,110	<50	<50	828	<50	<50	<50	<50	442	<50	4,100 (2)	---	---
Trimethylbenzenes	11,880	<50	<50	1,258	<50	<50	<50	<50	2,200	63	---	---	---
1,3-Dichlorobenzene	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	---	---	---
sec-Butylbenzene	467	<25	<25	738	<25	<25	<25	<25	1,230	<25	---	---	---
Isopropylbenzene	594	<25	<25	293	<25	<25	<25	<25	426	<25	---	---	---
p-Isopropyltoluene	857	<25	<25	654	<25	<25	<25	<25	724	51	---	---	---
n-Propylbenzene	1,320	<25	<25	761	<25	<25	<25	<25	1,010	<25	---	---	---
Naphthalene	2,160	<25	<25	503	<25	<25	<25	<25	629	78	400 (3)	110,000 (3)	20,000 (3)

Notes:
(1) - NR 720 generic RCLs for coarse grained soils (where: K >1.0E-6 cm/sec)
(2) - NR 720 generic RCLs
(3) - Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance, Wisconsin Department of Natural Resources, RR-519-97, April 1997 (corrected)
--- - no established RCL
Bold values indicate concentrations greater than WDNR NR 720 Generic Residual Contaminant Levels.
DRO - diesel range organics
GRO - gasoline range organics
i.u. - instrument levels
mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
VOCs - volatile organic compounds

TABLE 1 (CONTINUED)

SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS - VOCS AND LEAD

SITE INVESTIGATION REPORT

TLUSTY OIL COMPANY
319 North Main Street
Medford, Wisconsin

										RCLs		
										PROTECTION OF	DIRECT CONTACT	
PARAMETER	B-11	B-12	B-13	B-14	B-15	B-16	CS-1	CS-2	S-1	GROUNDWATER	(INDUSTRIAL)	(NON-INDUSTRIAL)
Date Collected	4/28/98	4/28/98	7/23/98	7/23/98	7/23/98	7/26/98	5/28/98	5/28/98	5/28/98	NA	NA	NA
PID (i.u.)	67	23	<1	300	<1	<1	344	342	415	NA	NA	NA
Depth (feet)	3.5-5	3-5	4-6	4-6	4-6	2-4	9	9	3	NA	NA	NA
GRO (mg/kg)	**180**	**227**	<0.6	235	1.8	<0.6	**1,070**	**664**	**9,540**	100 (1)	---	---
DRO (mg/kg)	**357**	**875**	2.6	20	2.7	5.9	---	---	---	100 (1)	---	---
Total Lead (mg/kg)	<2.8	**140**	---	---	---	---	34	28	49	---	500	50
VOCs (ug/kg)												
Benzene	<25	**57**	<25	<25	<25	<25	<250	<250	<2,500	5.5 (2)	---	---
Toluene	<25	**98**	<25	<25	<25	<25	**4,340**	**2,000**	**37,200**	1,500 (2)	---	---
Ethylbenzene	236	**184**	<25	<25	<25	<25	**10,600**	**5,640**	**65,300**	2,900 (2)	---	---
Xylenes	<50	**1,587**	<50	<50	<50	<50	**14,010**	**7,240**	**120,700**	4,100 (2)	---	---
Trimethylbenzenes	320	**4,050**	<50	<50	<50	<50	**20,080**	**10,270**	**388,000**	---	---	---
1,3-Dichlorobenzene	**676**	<25	<25	<25	<25	<25	---	---	---	---	---	---
sec-Butylbenzene	<25	**150**	<25	<25	<25	<25	---	---	---	---	---	---
Isopropylbenzene	**173**	**65**	<25	<25	<25	<25	---	---	---	---	---	---
p-Isopropyltoluene	**193**	**283**	<25	<25	<25	<25	---	---	---	---	---	---
n-Propylbenzene	**513**	**162**	<25	<25	<25	<25	---	---	---	---	---	---
Naphthalene	**183**	**683**	<25	<25	<25	<25	---	---	---	400 (3)	110,000 (3)	20,000 (3)

Notes:
(1) - NR 720 generic RCLs for coarse grained soils (where: K >1.0E-6 cm/sec)
(2) - NR 720 generic RCLs
(3) - Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance, Wisconsin Department of Natural Resources, RR-519-97, April 1997 (corrected)
--- - no established RCL
Bold values indicate concentrations greater than WDNR NR 720 Generic Residual Contaminant Levels.
DRO - diesel range organics
GRO - gasoline range organics
i.u. - instrument levels
mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
VOCs - volatile organic compounds

TABLE 2

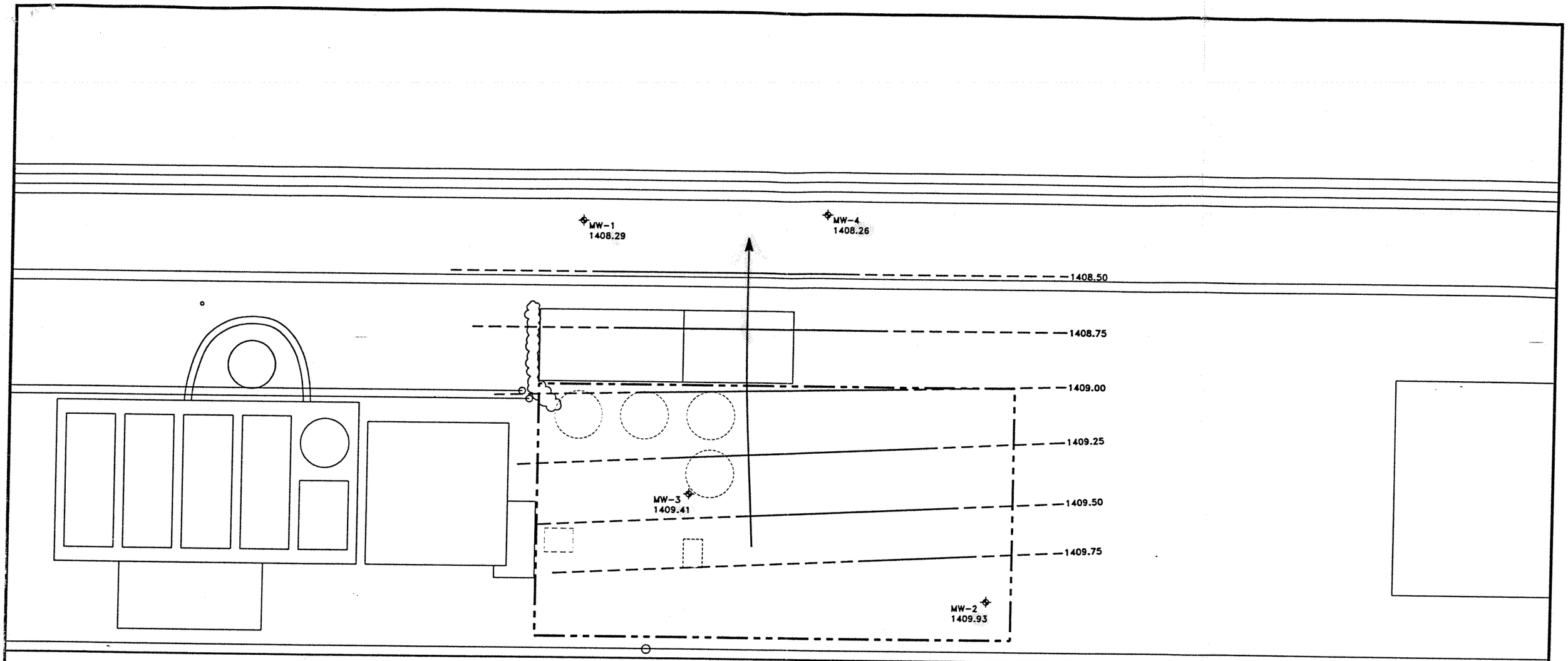
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS - PAHS

SITE INVESTIGATION REPORT

TLUSTY OIL COMPANY
319 North Main Street
Medford, Wisconsin

	SAMPLE IDENTIFICATION					RCL (1)		
						PROTECTION OF GROUNDWATER	DIRECT CONTACT	
PARAMETER	B-1	B-4	B-9	B-10	B-11		(INDUSTRIAL)	(NON-INDUSTRIAL)
Depth (feet)	3.5-5	3.5-5	1-2.5	1-2.5	3.5-5	NA	NA	NA
PID (i.u.)	411	133	85	223	67	NA	NA	NA
PAHs (ug/kg)								
1-methyl Naphthalene	<2,940	62	1,990	447	<53	23,000	70,000,000	1,100,000
2-methyl Naphthalene	3,670	67	<545	431	57	20,000	40,000,000	600,000
Acenaphthene	<3,750	<68	<743	2,300	67	38,000	60,000,000	900,000
Anthracene	<613	24	<121	120	<11	700	360,000	5,000,000
Benzo (a) anthracene	<75	1.5	<15	15	<1.3	3,000,000	3,900	88
Chrysene	<369	<6.7	<73	125	<6.6	37,000	390,000	8,800
Fluoranthene	<1,500	97	1,420	558	35	500,000	40,000,000	600,000
Fluorene	<406	19	124	153	11	100,000	40,000,000	600,000
Phenanthrene	708	35	<69	<38	<6.3	1,800	390,000	18,000
Pyrene	<525	20	943	407	<9.4	8,700,000	30,000,000	500,000

Notes:
(1) - Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance
Wisconsin Department of Natural Resources, Publication RR-519-97, April 1997 (corrected)
bold values exceed the generic RCLs for the protection of groundwater
i.u. - instrument units
NA - not applicable
PAHs - Polynuclear Aromatic Hydrocarbons
PID - photoionization detector
RCL - Residual Contaminant Level
ug/kg - micrograms per kilogram



N

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LEGEND

MONITORING WELL LOCATION

1408.26 GROUNDWATER ELEVATION (AUGUST 24, 1999)

GROUNDWATER FLOW DIRECTION

0 10 20

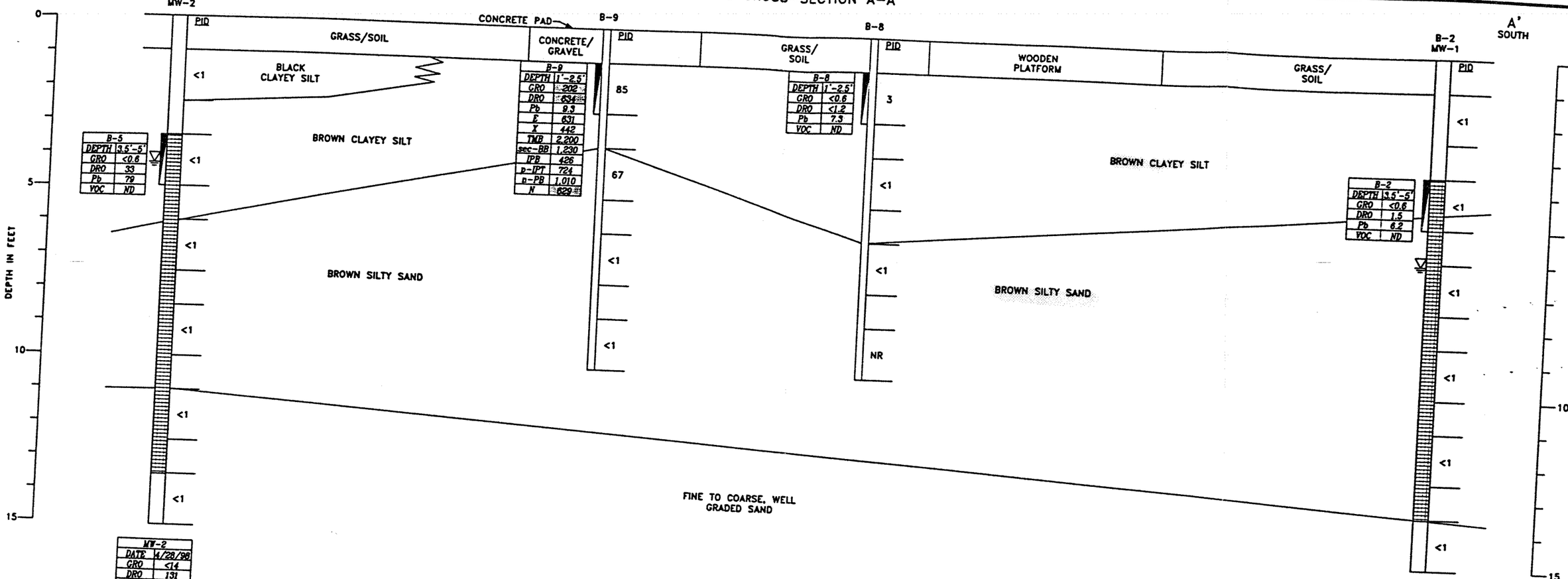
SCALE: 1"=20'

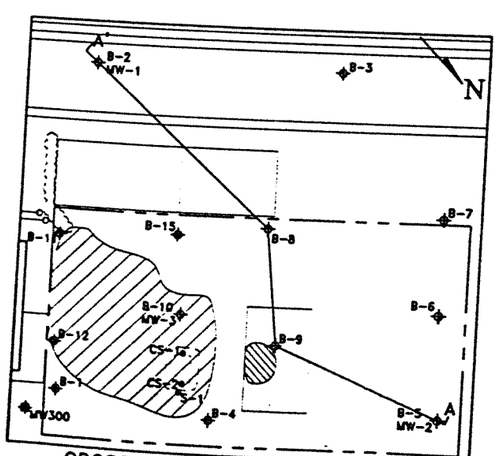
DRN. BY:	J.J.J	DATE:	11/17/99
DSN. BY:	L.J.W.	FILE NO.:	0511015
CHK. BY:	L.J.W.	DWG. NO.:	5110155
REV. BY:	G.L.J.	SHEET NO.:	5

KEY ENGINEERING GROUP LTD.

FIGURE 5
GROUNDWATER ELEVATION
CONTOUR MAP
(AUGUST 24, 1999)
REMEDIAL ACTION AND
GROUNDWATER MONITORING REPORT
TLUSTY OIL COMPANY
WISCONSIN CENTRAL LTD.
319 NORTH MAIN STREET
MEDFORD, WISCONSIN

SCHEMATIC CROSS-SECTION A-A'





CROSS-SECTION LOCATION MAP

SOIL NOTES

P.I.D.: PHOTOIONIZATION DETECTOR, I.U.
I.U.: INSTRUMENT UNITS
GRO: GASOLINE RANGE ORGANICS, mg/kg
DRO: DIESEL RANGE ORGANICS, mg/kg
Pb: TOTAL LEAD, mg/kg
VOC: VOLATILE ORGANIC COMPOUNDS, ug/kg
E: ETHYLBENZENE, ug/kg
X: TOTAL XYLENES, ug/kg
TMB: TOTAL TRIMETHYLBENZENES, ug/kg
sec-BB: sec-BUTYLBENZENE, ug/kg
IPB: ISOPROPYLBENZENE, ug/kg
p-IPT: p-ISOPROPYLTOLUENE, ug/kg
n-PB: n-PROPYLBENZENE, ug/kg
N: NAPHTHALENE, ug/kg
mg/kg: MILLIGRAMS PER KILOGRAM
ug/kg: MICROGRAMS PER KILOGRAM
< : LESS THAN
ND: NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS

GROUNDWATER NOTES

GRO: GASOLINE RANGE ORGANICS, ug/l
DRO: DIESEL RANGE ORGANICS, ug/l
Pb: DISSOLVED LEAD, ug/l
VOC: VOLATILE ORGANIC COMPOUNDS, ug/l
E: ETHYLBENZENE, ug/l
X: TOTAL XYLENES, ug/l
TMB: TOTAL TRIMETHYLBENZENES, ug/l
PAH: POLYNUCLEAR AROMATIC HYDROCARBONS, ug/l
I(123)P: INDENO(1,2,3-c) PYRENE, ug/l
N(PAH): NAPHTHALENE, ug/l
ug/l: MICROGRAMS PER LITER
< : LESS THAN
ND: NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS
(J): CONCENTRATION BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION

LEGEND

- GROUNDWATER LEVEL (5/28/98)
- SOIL SAMPLE INTERVAL
- GROUNDWATER MONITORING WELL SCREEN INTERVAL
- CONCENTRATION GREATER THAN: NR 720 GENERIC RESIDUAL CONTAMINANT LEVEL (SOIL) or NR 140 ENFORCEMENT STANDARD (GROUNDWATER)

0 5 10 (HORIZONTAL)
0 1.5 3 (VERTICAL)
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=3'

DRN. BY:	S.L.G.	DATE:	08/20/98
DSN. BY:	L.J.W.	FILE NO.:	[illegible]

KEY ENGINEERING

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FIGURE 3
SCHEMATIC CROSS-SECTION A-A'

SITE INVESTIGATION REPORT

Document No.

NOTICE OF CONTAMINATION TO PROPERTY

DOC# 303405

Recorded
JAN. 21,2004 AT 11:50AM
Signed: Marvel A. Lemke
TAYLOR COUNTY WISCONSIN
MARVEL A LEMKE
REGISTER OF DEEDS
Fee Amount: $13.00

Return to: Virginia Brost, City Clerk
639 South Second Street
Medford, WI 54451

#13 chg (2)

27.31.1E-8.5
Parcel Identification Number

A parcel of land located in the Northwest Quarter of Section 27, Township 31 North, Range 1 East of the Fourth Principal Meridian, City of Medford, Taylor County, Wisconsin, described as follows:

Commencing at the point of intersection of the North line of Taylor Street and the West line of North Main Street; thence Northwesterly along said West line of North Main Street a distance of 130 feet to a point marking the Northeast corner of a parcel of land conveyed by Wisconsin Central Ltd. to Jim Zuegler a/k/a Jim Zuleger by deed dated January 18, 1991, and the TRUE POINT OF BEGINNING; thence Southwesterly at right angles to said West line of North Main Street, also being along the Northerly line of said "Zuegler" parcel a distance of 67 feet, more or less, to a point on a line parallel with and 33.0 feet normally distant Northeasterly from the centerline of the Main Track of Wisconsin Central Ltd.; thence Northwesterly along the last said parallel line a distance of 100 feet; thence Northeasterly at right angles to said Main Track centerline a distance of 67 feet, more or less, to a point on said West line of North Main Street; thence Southeasterly along the last said West line a distance of 100 feet, more or less, to the true point of beginning. Containing 0.15 acres, more or less.

STATE OF WISCONSIN)
) ss
COUNTY OF TAYLOR)

Michael S. Brandner, being first duly sworn on oath, deposes as says:

1. He is the mayor of the City of Medford and authorized to execute this notice.

2. The City of Medford is the owner of the above-described real estate.

3. One or more petroleum discharges have occurred at this property. Petroleum soils above the NR 720 residual contaminant levels of the Wisconsin Administrative Code exists at this property.

4. The City hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitations and/or restrictions:

Residual petroleum contaminated soil and groundwater remains on this site. According to the closure request filed by Key Engineering Group, Ltd. dated November 22, 1999, the residual soils are located in the eastern corner near the former underground storage tank of the site with residual groundwater contamination located west of the former underground storage tank. Natural attenuation is the approved remedial alternative for this site. Residual soil contamination locations are shown on Figure 3, attached. If contaminated soil is excavated in the future, it may be considered a solid waste and will need to be disposed in accordance with all applicable laws. File references: Petroleum Environmental Cleanup Fund Act Claim number 54451-1454-10-A and B and BRRTS number 02-61-000169 and Key Engineering Group, Ltd.'s closure request dated November 22, 1999.

5. Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Commerce, or its successor, issue a determination that the restrictions set forth in this covenant are no longer required. That property owner shall provide any and all necessary information to the Department in order for the Department to be able to make a determination. Upon receipt of such a request, the Department shall determine whether or not the restrictions contained herein can be extinguished. Conditions under which a restriction may be extinguished will be determined in accordance with the site specific standards, rules and laws for this property. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this restriction, or portions of this restriction, are no longer binding. Any restriction placed upon this property shall not be extinguished without the Department's written determination.

6. The affiant acknowledges that he is duly authorized to sign this document pursuant to action of the Common Council of the City of Medford dated 1-21, 2004.

Michael S. Brandner

Virginia Brost hereby attests as City Clerk of the City of Medford.

Attest: Virginia Brost
Virginia Brost

Subscribed and sworn to before me this 21st day of January, 2004.

Notary Seal

Rita Tischendorf
Notary Public. State of Wisconsin.
My commission expires: JUNE 18, 2006
RITA TISCHENDORF

This instrument was drafted by
Attorney Kenneth Schmiege
P.O. Box 512
Medford, WI 54451